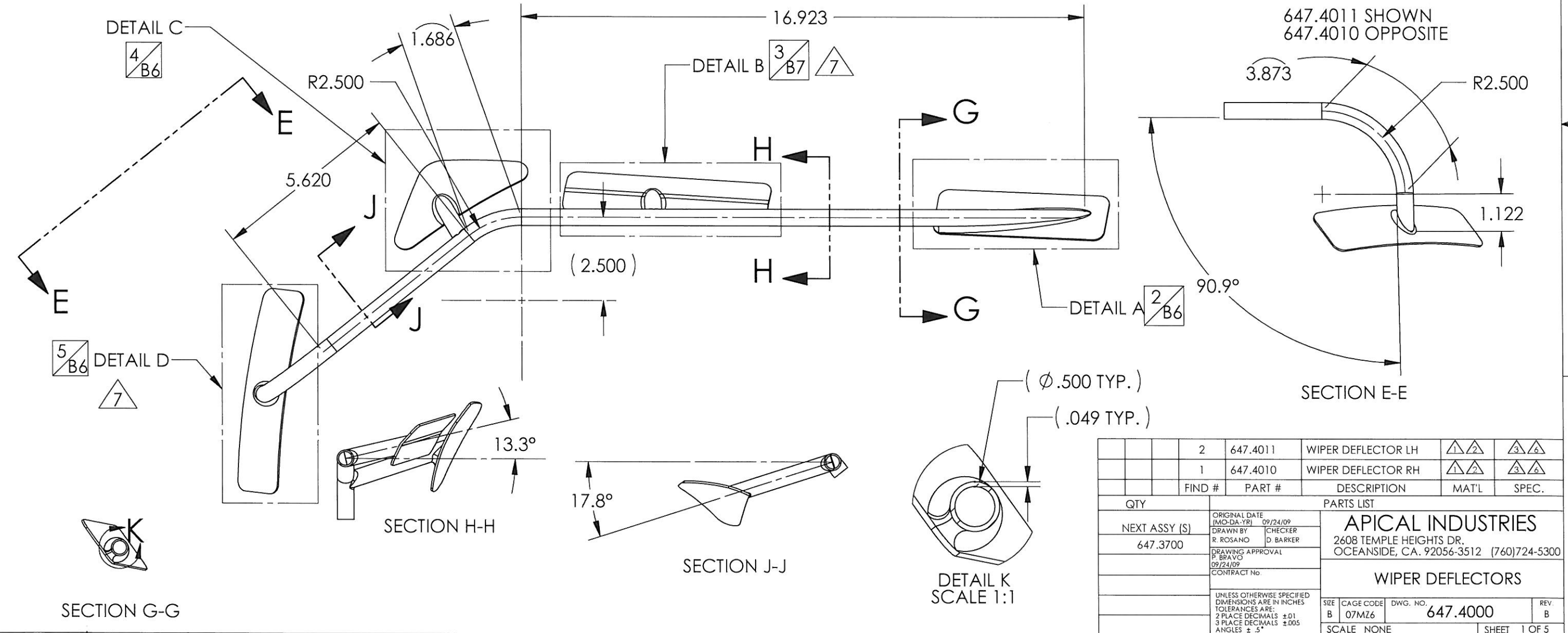


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

NOTES: UNLESS OTHERWISE SPECIFIED

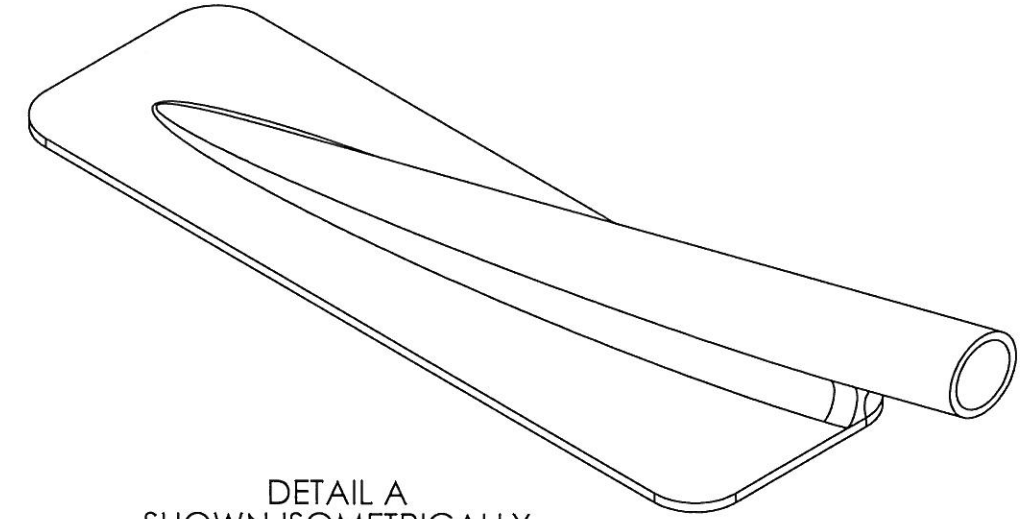
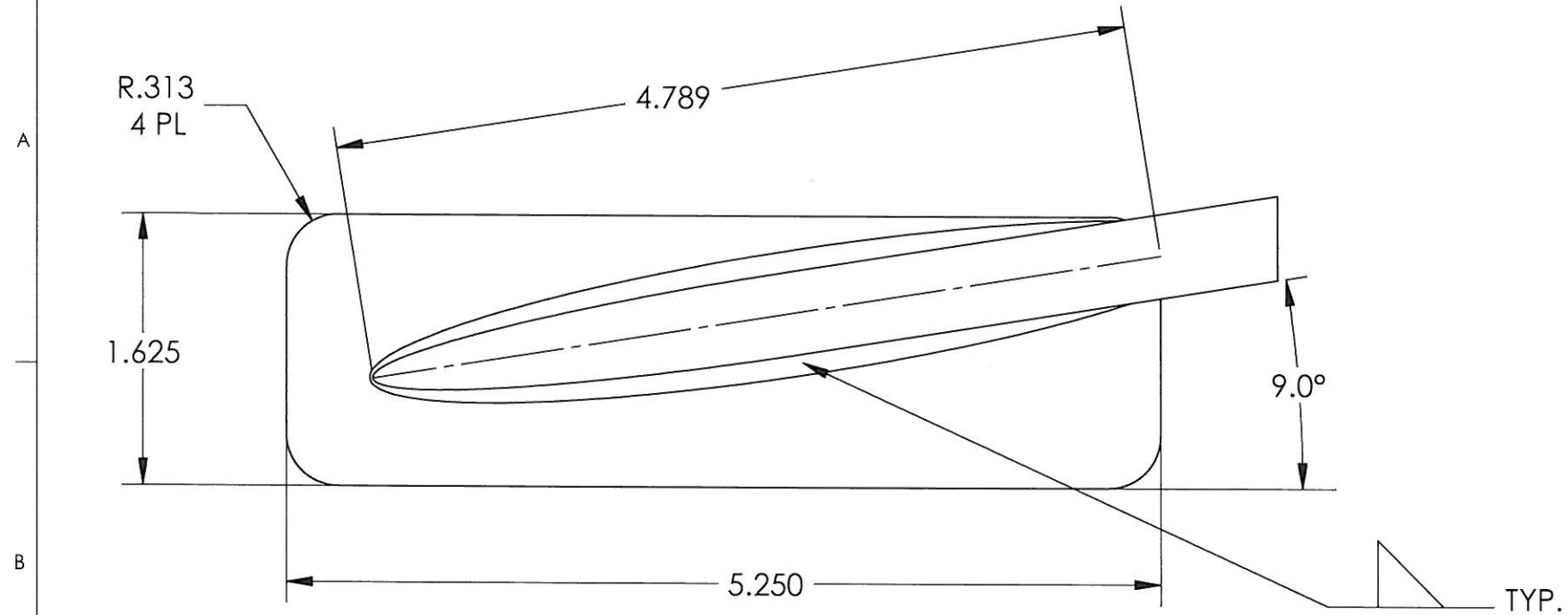
1. MATERIAL: 4130 STEEL PER AMS-S-18729, .06" THK
2. MATERIAL: 4130 STEEL PER AMS-T-6736, .50" OD, .049" THK
3. FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120.
6. WELD IAW MIL-STD-2219. TIG WELD WITH FILLER ROD.
7. WILL BE TRIMMED AS NECESSARY TO FIT ON AIRCRAFT. PRIME AND PAINT PART AS NECESSARY AFTER TRIMMING.
8. ALL DIMENSIONS LISTED ARE AFTER PAINT AND PRIMER IS APPLIED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR3		N/C
N/C	INITIAL RELEASE	09/24/09	P. BRAVO
A	INCORPORATED ECN 03441	03/20/12	P. BRAVO
B	INCORPORATED ECN 03516	05/14/12	P. BRAVO

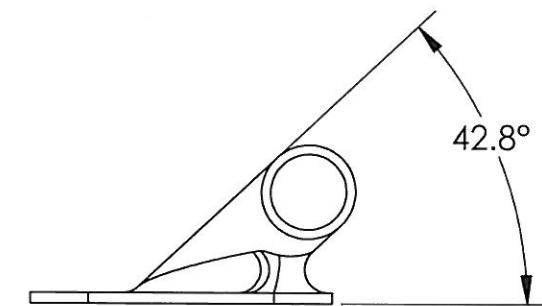
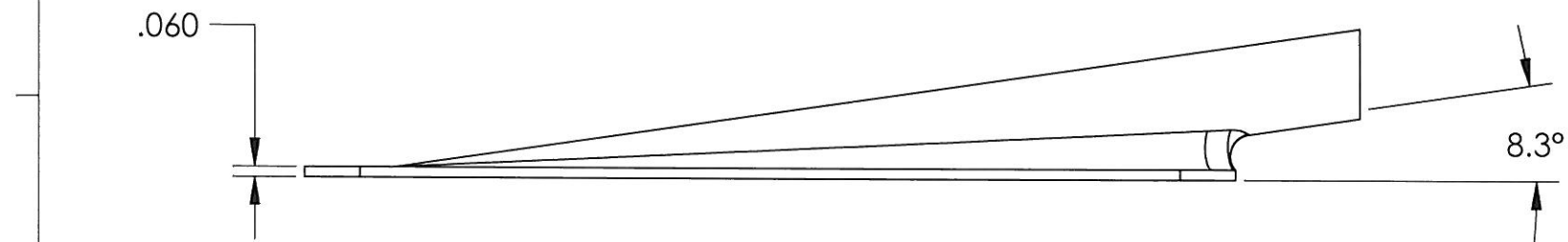


QTY	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
	2	647.4011	WIPER DEFLECTOR LH	1/2	3/6
	1	647.4010	WIPER DEFLECTOR RH	1/2	3/6
PARTS LIST					
APICAL INDUSTRIES					
2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300					
WIPER DEFLECTORS					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
SIZE	CAGE CODE	DWG. NO.	REV.		
B	07MZ6	647.4000	B		
SCALE NONE				SHEET 1 OF 5	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF
APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT
THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



DETAIL A
SHOWN ISOMETRICALLY

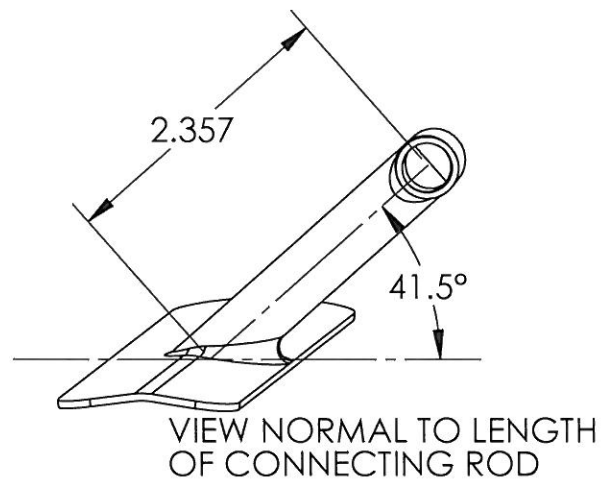
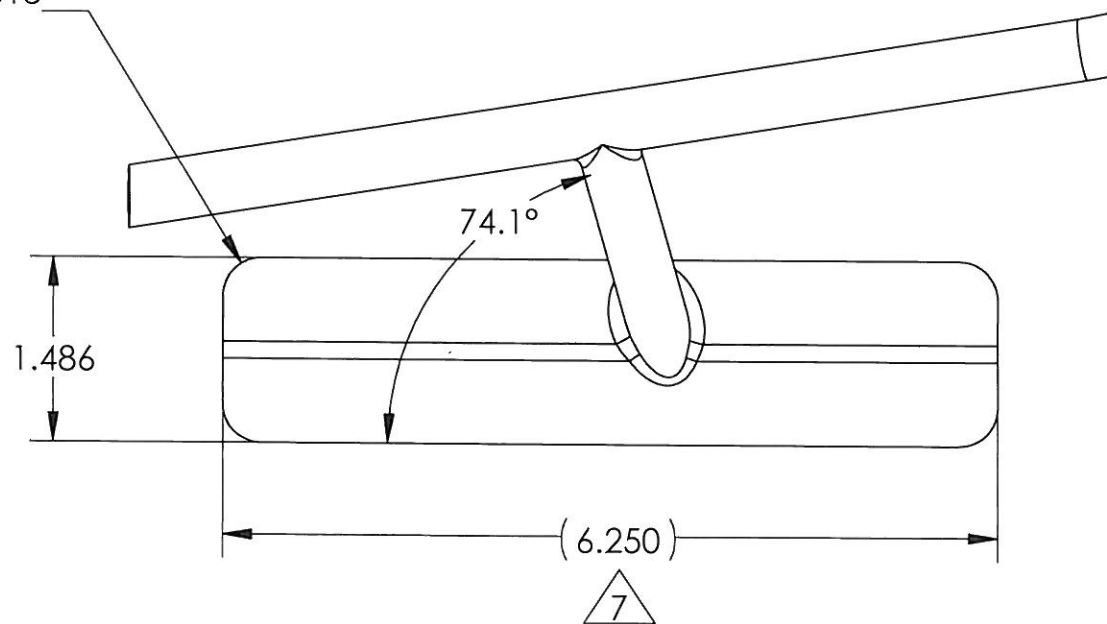


42.8°

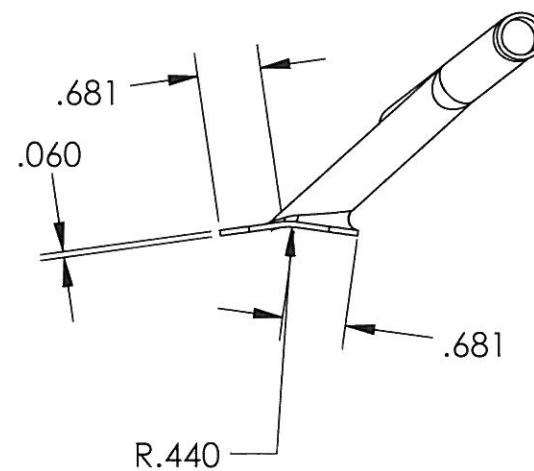
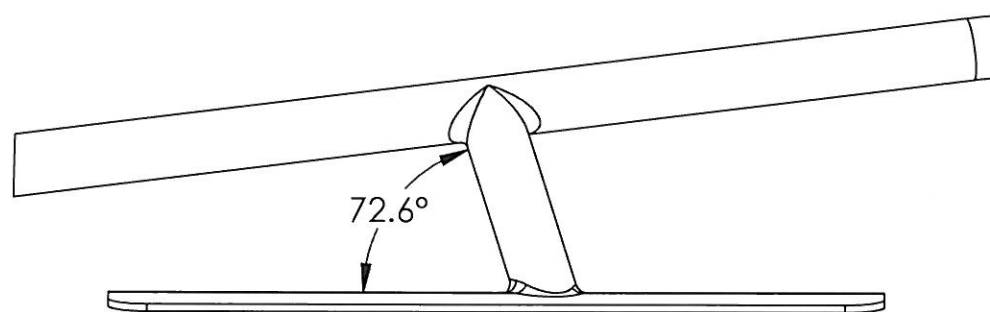
ORIGINAL DATE (MO-DA-YR) 09/24/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWN BY R. ROSANO	CHECKER D. BARKER				
DRAWING APPROVAL P. BRAVO					
CONTRACT No.		WIPER DEFLECTORS			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°					
SIZE	CAGE CODE	DWG. NO	REV		
B	07MZ6	647.4000	B		
SCALE: NONE			SHEET 2 OF 5		

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

TRUE R.313
4 PL

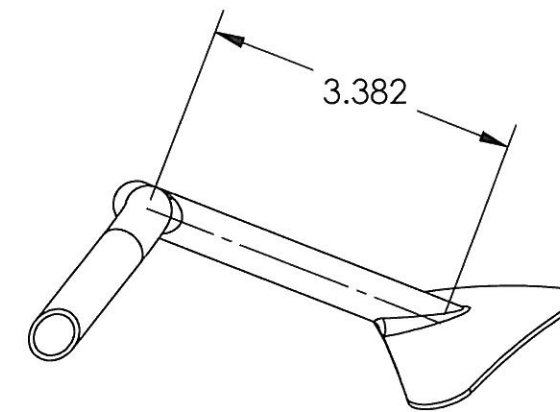
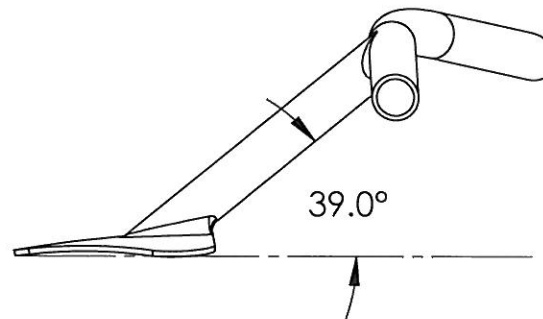
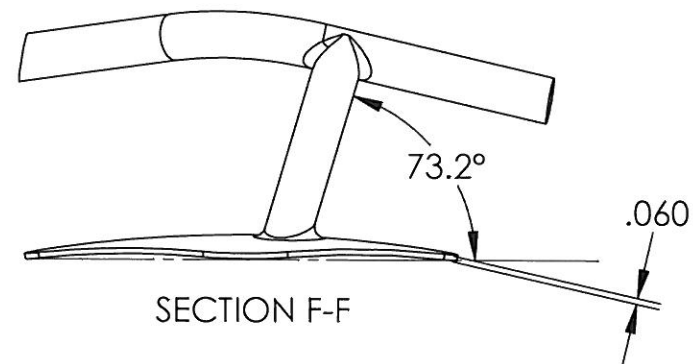
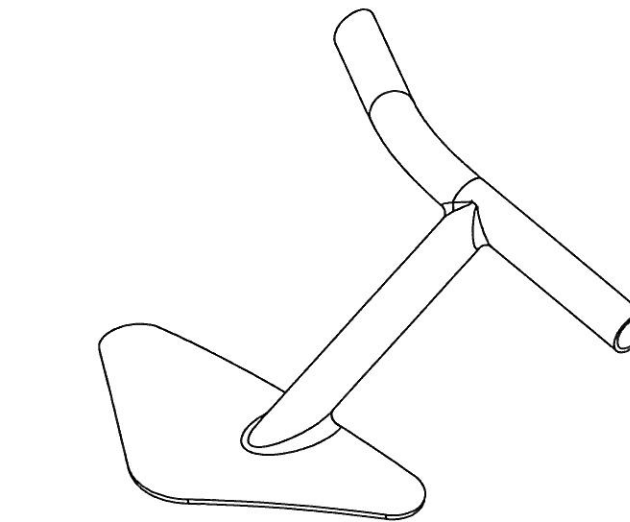
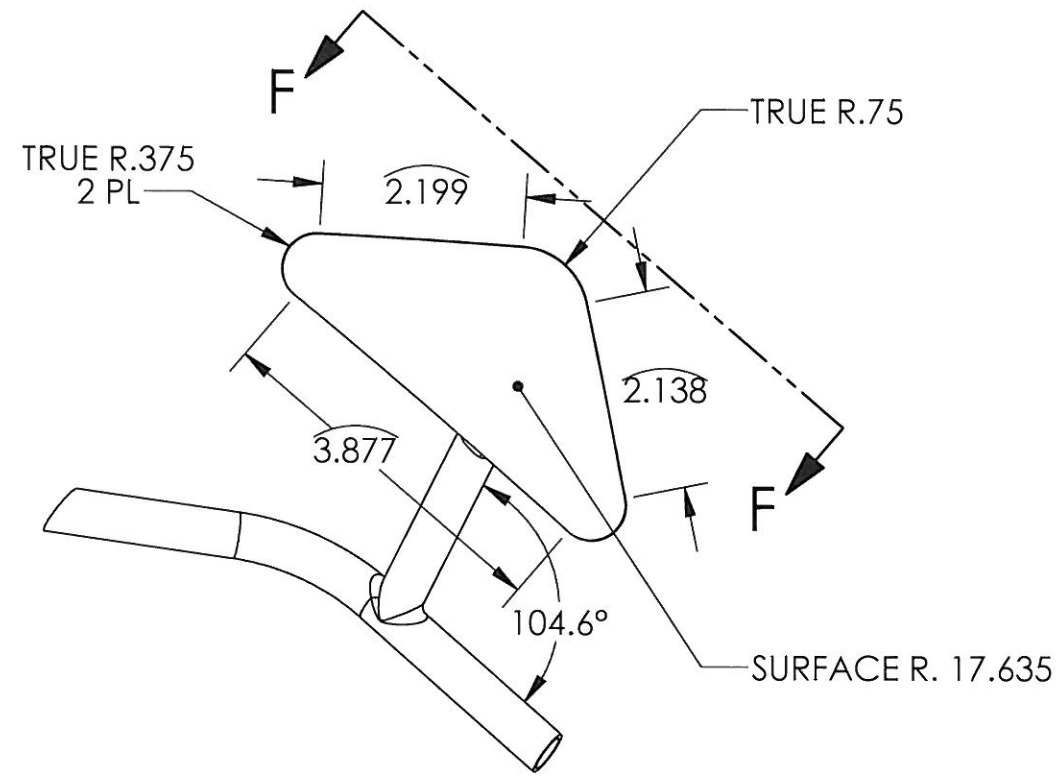


DETAIL B
SHOWN ISOMETRICALLY



ORIGINAL DATE (MO-DA-YR) 09/24/09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER D. BARKER		WIPER DEFLECTORS	
DRAWING APPROVAL P. BRAVO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	
CONTRACT No.		SIZE B	REV B
		CAGE CODE 07MZ6	DWG. NO. 647.4000
		SCALE NONE	SHEET 3 OF 5

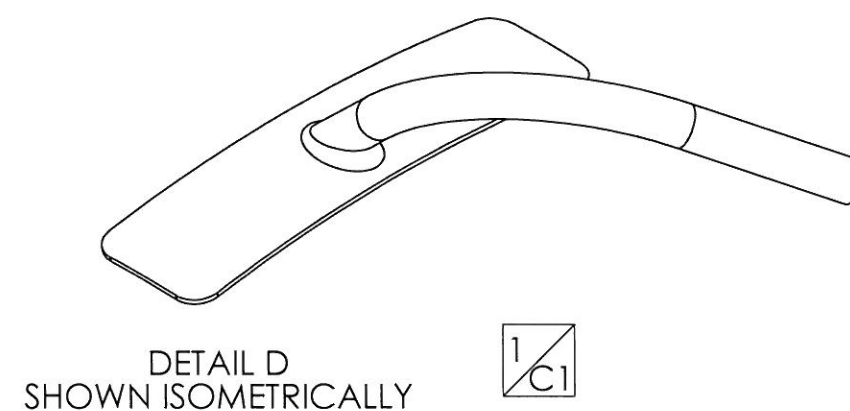
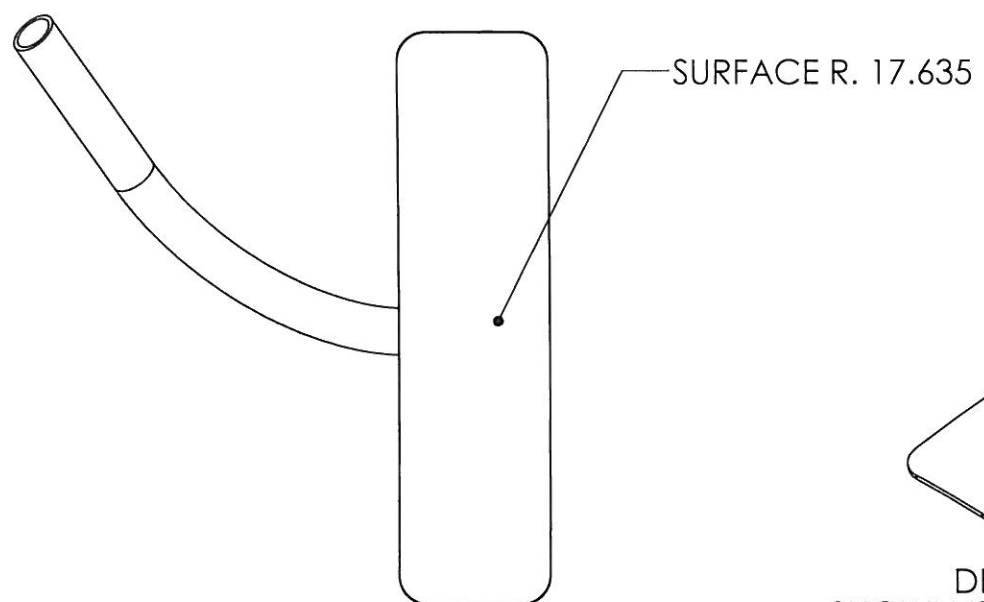
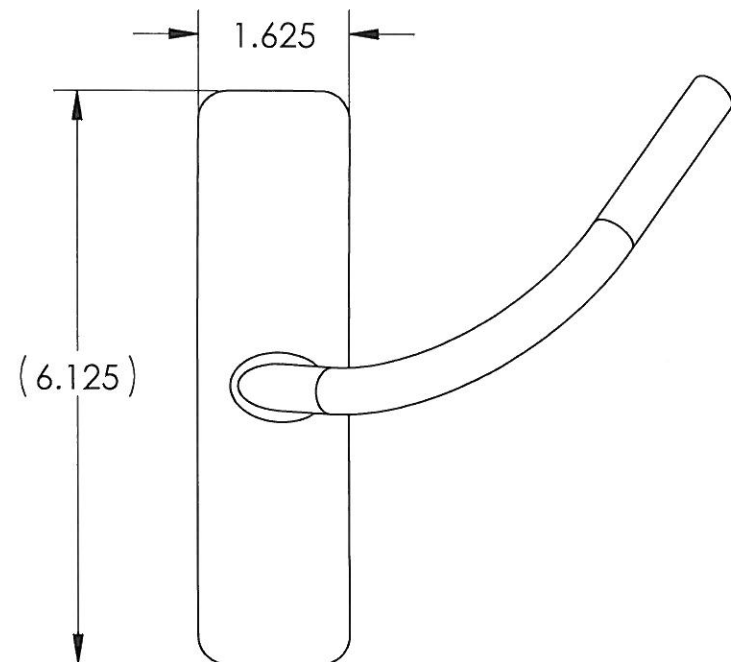
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



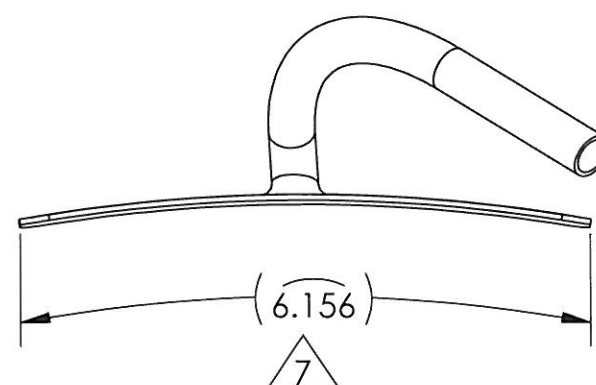
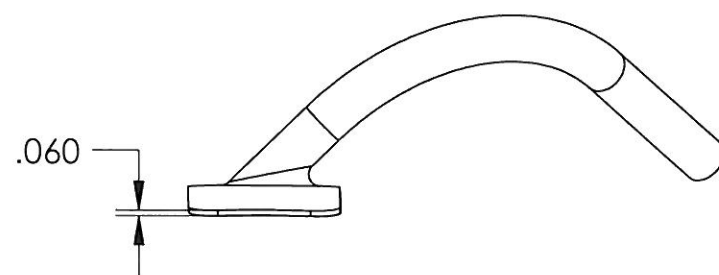
VIEW NORMAL TO LENGTH
OF CONNECTOR ROD

ORIGINAL DATE (MO-DA-YR) 09/24/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 09/24/09		WIPER DEFLECTORS	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV B
		CAGE CODE 07MZ6	DWG. NO. 647.4000
		SCALE NONE	
		SHEET 4 OF 5	

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



1/C1



ORIGINAL DATE (MO-DA-YR) 09/24/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 09/24/09		WIPER DEFLECTORS	
CONTRACT No.		SIZE B	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		CAGE CODE 07MZ6	DWG. NO. 647.4000
		SCALE NONE	SHEET 5 OF 5